

Short reports

First record of four Sphecidae wasps from Iran. M. Fallahzadeh¹, H. Ostovan² and M. Shojaei². Islamic Azad University of Jahrom, P. O. Box 74135-355, Shiraz, Iran¹; Science and Research unit, Islamic Azad university of Tehran, Iran².

In order to study the Sphecidae fauna of Fars province, Iran during 2004, different methods were used to collect a large number of species. The specimens were identified at genus level based on morphological characters mentioned in different taxonomic keys and were sent to Prof. Wojciech Pulawski of California Academy of Sciences for identification. Review of Catalog of Sphecidae (Pulawski, 2005) indicated that four species are new records for Iranian fauna. The species are listed as follows:

1. *Ectemnius lituratus* (Panzer)- 4 specimens, Jahrom.8, 15. IX. 2004
2. *Gorytes quinquecinctus* (Fabricius)- 3 specimens, Jahrom.3, 6. VIII.2004
3. *Isodontia mexicana* (de Saussure)- 2 specimens, Jahrom. 26. VIII.2004
4. *Sceliphron caementarium* (Drury)- 2 specimens, Jahrom. 22. VIII.2004

Also *Sceliphron spirifex* (Linnaeus)- 3 specimens, Jahrom. 22. VII.2004, is new record for Fars province. This species was reported from Iran by Esmaili and Rastegar (1974) before.

The specimens are deposited in Insects collection of Islamic Azad University of Jahrom.

The first report of two species of Eulophidae (Hymenoptera) From Iran.
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In order to study of Eulophidae fauna of Fars province During 2004-2005, a number of species of this family were collected. The specimens were identified at genus level based on morphological characters mentioned in different identification keys and sent to Prof. Miklat Doganlar, Eulophidae specialist in Mustafa Kemal University of Turkey for identification.

According the literatures, *Aprostocetus toddaliae* (Risbec, 1958) and *Diglyphus chabrias* (Walker, 1838) are new for Iranian fauna. 28 specimens of *A. toddaliae* were collected on *Ceroplastes rusci* L. in August 2004 at Estahban on *Ficus carica* L.

This species belongs to Tetrastichinae and *Tetrastichus toddaliae* Risbec, 1958 is its synonym. This parasitoid wasp was previously reported from Turkey, Israel and Madagascar. 3 specimens of *D. chabrias* were collected on *Liriomyza trifolii* (Burgess) in June 2005 at Ali-Abad Kamin on *Lactuca serriola* L. This species belongs to subfamily Eulophinae and *Asecodes chabrias* (Walker, 1838) and *Cirrospilus chabrias* Walker, 1838 are its synonyms. This parasitoid wasp was recorded from Bulgaria, Czech Republic, Germany, Spain, United Kingdom, Hungary, Ireland, Norway, Pakistan, Russia, Slovakia and Sweden before. Specimens of these parasitoids were deposited in Insects collection of Islamic Azad University of Jahrom.

The new record of genus *Zatypota* Foerster and 3 species of Ichneumonidae wasps from Iran: (*Zatypota bohemani* Holmgren, *Scambus vesicarius* Ratzeburg and *Pimpla flavicoxis* Thomson, (Ichneumonidae: Pimplinae)). A. Masnadi Yazdi Nejad. Insect Taxonomy Research Dept., Plant Pests and Diseases Research Institute, P. O. Box 1454, Tehran 19395, Iran.

During studying the species of Ichneumonid wasps in Shiraz and its Vicinity, 1 genus and 3 species from subfamily Pimplinae were collected and identified. The specimens were sent to Finland and were confirmed by Dr Jussila as new records from Iran. The members of this subfamily are well known as parasitoid of larvae of Coleoptera, Lepidoptera and Hymenoptera in the tree trunks. Some species of the tribe Playsphinctini are well known as parasitoid of spiders (Towens, 1970).

Genus *Zatypota* Foerster, species *Z. bohemani* Holmgren, 3.2 to 3.4 mm. Face width 1.2 to 1.3 times longer than its height. Front wing without Areolet, Shiraz (11.8.1999), Bajgah (6.4.2000), were collected by A. Masnadi.

Scambus vesicarius Ratzeburg, 4.5 to 6 mm. Face width 1.2 to 1.4 times longer than its height. Front wing with Areolet. Nervellus intercepted below the middle. Shiraz (11.8.1999), Ghasreghomshe (23.6.2000), were collected by A. Masnadi.

Pimpla flavicoxis Thomson, 12 to 14 mm. Face width 1.1 to 1.3 times longer than its height. Front wing with Areolet. Nervellus intercepted near or above the middle. Shiraz (23.6.1999), Maharloo (15.5.2000), Tion (16.5.2000), were collected by A. Masnadi.

New record on 2 species of Ichneumonid wasps in Iran (*Coelichneumon singularis* Berthoumieu, *C. microstictus* Gravenhorst (Ichneumonidae: Ichneumoninae)).
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Two species from subfamily Ichneumoninae (Hym.: Ichneumonidae) were collected from the fruit garden of Shiraz vicinity and identified as new species from Iran. The specimens were sent to Finland and were confirmed by Dr Jussila. The species of this genus are well known as endoparasite of larvae and pupae of Lepidoptera, specially family Noctuidae and usually the adults emerge from host pupal stage (Townes, 1971).

Coelichneumon singularis Berthoumieu 10 to 14 mm. Face width 1/1 to 1/2. Abdominal segments are light red except the first one that is dark red. Lateral margin of scutellum is white. Shiraz (23/7/1999), Zarghan (29/5/2000), were collected by A. Masnadi.

C. microstictus Gravenhorst, 12 to 14 mm. Face width 1 to 1/1 times longer than its height. Abdominal segments are dark red except the first one that is black. Lateral margin of scutellum is black. Shiraz (22/4/1999), Ahoochar (27/6/2000), were collected by A. Masnadi.